

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 6123 | (315/291,307,311,297,224,312,320,323,324,325).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 17:59 |
| L2 | 19 | 1 and ((detect\$4 monitor\$3 sens\$4 determin\$4) same open\$5) and ((total\$4 sum equal\$3) same (forward near4 voltage\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:49 |
| L3 | 1075 | ((detect\$4 monitor\$3 sens\$4 determin\$4) same open\$5) and ((total\$4 sum equal\$3) same (forward near4 voltage\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:02 |
| L4 | 38 | 3 and ("315"/\$7).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:02 |
| L5 | 19 | 4 not 2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 18:16 |
| L6 | 65 | 1 and ((detect\$4 monitor\$3 sens\$4 determin\$4) same open\$5) and (total\$4 sum equal\$3) and (forward near4 voltage\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 18:16 |
| L7 | 46 | 6 not (5 2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 18:22 |
| L8 | 331 | ((Masayasu near3 Ito) (Kouichi near3 Shizuoka\$5)).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 18:22 |
| L9 | 327 | 8 not (5 2 7) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 18:28 |
| L10 | 61 | 9 and (detect\$4 monitor\$3 sens\$4 determin\$4) and (total\$4 sum equal\$3 (forward near4 voltage\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 18:28 |
| L11 | 61 | 10 not (5 2 7) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 18:54 |

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| L12 | 4 | 9 and ((LED\$1 (light\$4 near3 emit\$5)) with (coupl\$3 connect\$4 arrang\$4) with series with (diode\$1 resist\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 18:54 |
| L13 | 43 | 3 and ((LED\$1 (light\$4 near3 emit\$5)) with (coupl\$3 connect\$4 arrang\$4) with series with (diode\$1 resist\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 18:56 |
| L14 | 34 | 13 not (5 2 7 11 10) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 18:57 |
| L15 | 6797 | ((LED\$1 (light\$4 near3 emit\$5)) with (coupl\$3 connect\$4 arrang\$4) with series with (diode\$1 resist\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:05 |
| L16 | 177 | 15 and ((detect\$4 monitor\$3 sens\$4 determin\$4) same open\$5) and (total\$4 sum equal\$3) and (forward near4 voltage\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 18:57 |
| L17 | 126 | 16 not (5 2 7 11 10 14) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:02 |
| L18 | 1165 | ((detect\$4 monitor\$3 sens\$4 determin\$4) same (open\$5 abnor\$6)) and ((total\$4 sum equal\$3) same (forward near4 voltage\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:02 |
| L19 | 47 | 18 and ("315"/\$7).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:02 |
| L20 | 9 | 19 not (5 2 7 11 10 14 17) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:04 |
| L21 | 45 | 15 and 18 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:04 |
| L22 | 1 | 21 not (5 2 7 11 10 14 17 20) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:05 |

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| L23 | 1003 | 3 not (5 2 7 11 10 14 17 20) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:06 |
| L24 | 170 | 23 and (LED\$1 (light\$4 near3 emit\$5)) and (series with (diode\$1 resist\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:12 |
| L25 | 170 | 24 not (5 2 7 11 10 14 17 20 22) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:14 |
| L26 | 832 | 1 and ((detect\$4 monitor\$3 sens\$4 dete rmin\$4) same open\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 20:00 |
| L27 | 41 | 26 and (LED\$1 (light\$4 near3 emit\$5)) and (forward near3 voltage\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:13 |
| L28 | 335 | 26 and (LED\$1 (light\$4 near3 emit\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:15 |
| L29 | 764 | 26 not (5 2 7 11 10 14 17 20 22) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:14 |
| L30 | 10 | 27 not (5 2 7 11 10 14 17 20 22) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:28 |
| L31 | 463 | 29 not (5 2 7 11 10 14 17 20 22 28 30) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 20:01 |
| L32 | 1255 | (Charles near3 (Henry Hurst Willis)).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:49 |
| L33 | 0 | 32 and ((detect\$4 monitor\$3 sens\$4 dete rmin\$4) same open\$5) and ((total\$4 sum equal\$3) same (forward near4 voltage\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:50 |
| L34 | 2 | 32 and ((detect\$4 monitor\$3 sens\$4 dete rmin\$4) same open\$5) and ((total\$4 sum equal\$3) and (forward near4 voltage\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 19:50 |

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| L35 | 2305 | ((Ryu near3 Terada) (Kamimura near3 Shunsuke) (Shinichi near3 Suzuki)).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 20:00 |
| L36 | 93 | 35 and ((detect\$4 monitor\$3 sens\$4 determin\$4) same (short\$4 open\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 20:01 |
| L37 | 89 | 36 not (5 2 7 11 10 14 17 20 22 28 30 31) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/11 20:01 |